Work Order l Wednesday, Septemb			*									Page 1
Revision ID:	650-1 Panel	*		Accept				S	etup	Start Stop		
	/2010	Start Qty: 6.00 Req'd Qty: 6.00			Cust Item I Customer:	D:				-		
	rocess Plan C:	:	Date:/6-9-0/	Tooling: SPC (Y/N):		ate:		R	lun	Start Stop		
Sequence ID/ Work Center ID		Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reje Qty		Reject Number	Insp. Stamp
Draw Nbr	Revis	sion Nbr										
D3650	Rev C											
100 		FLOW WATER JET Memo		0.00					<u> </u>	14		
FLOW CNC Waterjet		1-Cut as p Deburr if	er Dwg D3650 □Dwg Rev:_ necessary	□Prog Rev:	<u> </u>			-			(
		QC2- Inspect parts off	machine FAI/FAIB	0.00		٠		√ ?	<u>ن-،(</u>	- 4		
QC Quality Control		Memo		0.00				1.00	<u>۳۳۲۱</u>	· · · · · · · · · · · · · · · · · · ·		
		QC8- Inspect parts - se	econd check	L. 2 00.0 +	.\			(6	١			
QC Quality Control		Memo		0.00	N 102			40	'			

Dart Ae	erospac	e Ltd
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W/O:			WO	RK ORDER CHANGES	3				
DATE	STEP	PR	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cate	jory:	NCR: Yes	No DQ	A:	Date:	
	Re	esolution:	Disposition	n:	QA: N/C C	losed:		Date: _	
NCR:			WORK ORDE	ER NON-CONFORMAN	CE (NCI	₹)			
DATE	STEP	Description of NC		Corrective Action Section		Verific	cation	Approval	Approval
	OILI	. Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date		ion C	.Chief Eng	QC Inspector
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Work Order ID 61743

Wednesday, September 01, 2010 11:39:21 A



Page 2

Item ID:

D3650-1

Accept



Setup Start

Stop



Revision ID:

Item Name:

Aft Panel

9/1/2010

Start Qty: 6.00 Req'd Qty: 6.00

Cust Item ID: Customer:

Reference:

Start Date:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Tool ID

Start Run

Reject

Qty



Required Date: 9/8/2010

Date:

SPC (Y/N):

Date:

Tool # Plan

Code

Stop

Reject

Number

Insp.

Stamp

Sequence ID/ **Work Center ID**

130

Brake NC

Brake NC

Operation Description

NC BRAKE

Memo

Form as per Dwg D3650

Set Up/ **Run Hours**

0.00

0.00

So 10/11/29

140

150

QC

Quality Control

QC5- Inspect part completeness to step on W/O

Memo

0.00

Small Fab

Small Fab Memo

Small Fab

Assemble as per dwg D3650

0.00

Accept

Qty

W/O:				WORK ORDER	CHANGES				
DATE	STEP		PRO	CEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:		PAR #:	Fault Category:	NCR: Ye	s No DQ	A:	_ Date: _	
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NCR:		•	WORK, ORDE	ER NON-CONFORMAN	CE (NCR)			
		Description of NC		Corrective Action Section E	Verification	Approval	Approva	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspecto
	ate & initial a					<u> </u>		

Work Order ID 61743

Wednesday, September 01, 2010 11:39:21 A



Page 3

Item ID:

D3650-1

Accept

Setup Start

Stop



Revision ID:

Item Name:

Aft Panel

QC:

Start Date: 9/1/2010

Required Date: 9/8/2010

Start Qty: 6.00

Reg'd Qty: 6.00



Cust Item ID: Customer:

Reference:

Approvals:

Process Plan: _____

Date:_____

Date:____

Tooling:

SPC (Y/N):

Date:

Date:

Start Run

Stop

Sequence ID/

Work Center ID

160

Quality Control

Operation Description

QC5- Inspect part completeness to step on W/O

Set Up/ **Run Hours**

Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Insp. Number Stamp

170

Packaging

Packaging

Identify as per dwg & Stock Location: (S)

Memo

Memo

0.00

0.00

180

Quality Control

QC21- Final Inspection - Work Order Release

Memo

0.00

0.00

MF 10-12-09

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W/O:			W	ORK ORDER CHANG	ES	*		
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NCR:		,	WORK ORD	ER NON-CONFORM	ANCE (NCR)		
DATE	STEP	Description of NC			ion B	Verification	Approval	Approval
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Picklist Print

Wednesday, September 01, 2010 11:39:25 AM

Work Order ID: 61743

Parent Item:

D3650-1

Parent Item Name: Aft Panel



Start Date: 9/1/2010

Required Date: 9/8/2010

Start Qty: 6.00

Required Qty: 6.00

Comments:

IPP Rev:A New Issue 07-09-27

IPP Rev:B ECN 1113P 08-01-22 DD verified by: EC

DD verified by: EC

IPP Rev:C ecn1162

08-04-02 DD verified by: EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MS21062-3K	1	Purchased	No			100	Each	244.0000	3	18 M/	1 6	/12/0	22
				Location ST302	109590	<u>Loc</u>	Oty 244 244	Loc Code		18X			
M304S26GA 		Purchased	No			150	sf	144.0000	1.583	9.997895		-11-4	
				Location MAT20	109398 112885	<u>Loc</u>	Otv 144 48 96	Loc Code	<u>I</u>	09398		(
MS20427M3-3 	114 0 41 700 414 4 00 161	Purchased	No			150	Each	195.0000	18	108	1	12/12	102
			,	Location ST318	115409	J Loc	Oty 195 195	Loc Code	<u>-</u> -	108			
MS21060-3K		Purchased	No			150	Each	154.0000	6	36		10/12	102
				Location ST302	109590	<u>Loc</u>	Oty 154 154	Loc Code	_ ~	36x			

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DART AEROSPACE LTD	Work Order:	017413
Description: Aft Panel	Part Number:	D3650-1
Inspection Dwg: D3650 Rev: C		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.098	+0.004/-0.001	102	٧_		V 1807	
Ø0.213	+0.005/-0.001	.218	*		1/	
Ø0.250	+0.005/-0.001	:255	8		Ĭ)	•
0.25	+/-0.030	846,	&		V	
0.344	+/-0.010	-343	×		V	
0.35	+/-0.030	.350	<i>y</i>		V	
0.312	+/-0.010	-3/3	X		V	
2.26	+/-0.030	2.261	≥ =	,	V	
7.18	+/-0.030	7.182	*		V	
9.55	+/-0.030	9.55	₩		V	
10.66	+/-0.030	الى، لحله	X	-	7 1301	
12.02	+/-0.030	12.07	×		T	
16.65	+/-0.030	16.625	×		7	
17.58	+/-0.030	17.50	*		1	
16.61	+/-0.030	ا ما ا	7		7	Pr.
0.12	+/-0.030	175	>		V.	
0.17	+/-0.030	,167	*		V	
15.80	+/-0.030	15,80	>		τ	-
3.950	+/-0.010	3948	≫		V	
2.02	+/-0.030	7.017	¥		V.	
4.03	+/-0.030	4.038	¥		V	
6.13	+/-0.030	6,121	×		V	,
8.23	+/-0.030	8.33	>		+	
10.31	+/-0.030	10.31	X		7	
12.25	+/-0.030	12.25	*6		+	
0.018	+/-0.010	,019	بخ		V	
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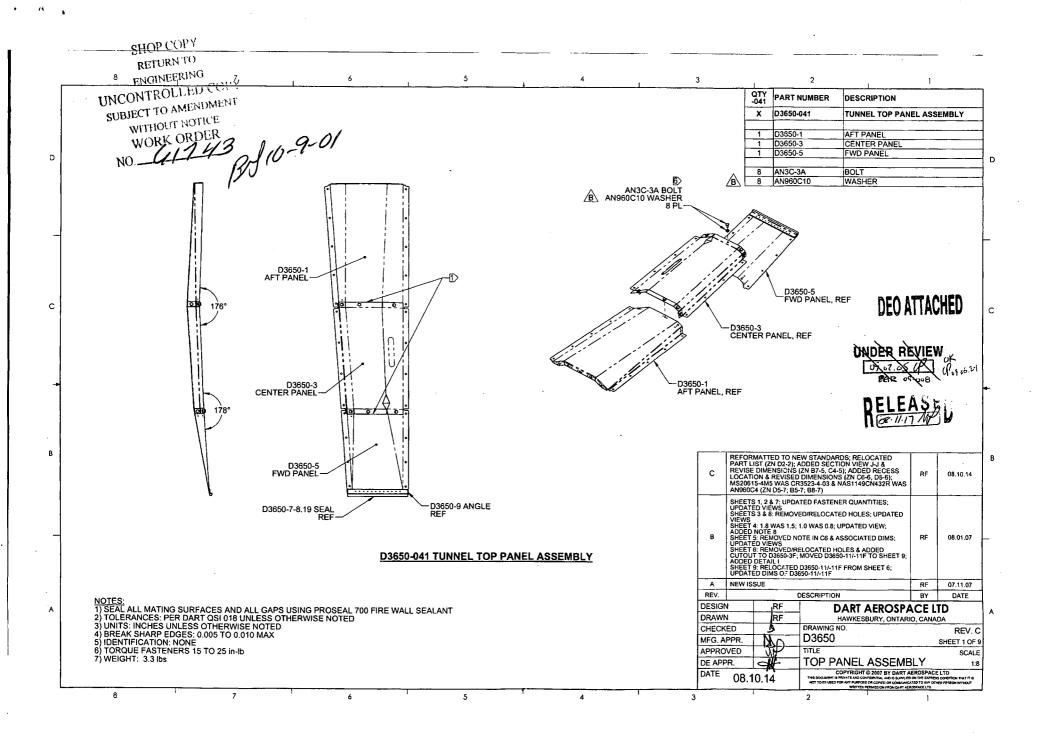
Measured by:	Audited by:	Prototype Approval:	N/A
Date: 10-11-4	Date: Olulo	Date:	N/A

Rev	Date	Change	Revised	by	Approved
Α	08.07.24	New Issue	KJ/DD	LA .	
В	09.06.15	Dimensions updated per Dwg Rev C	KJ]	24	16)

Dart Aerosp	pace Ltd
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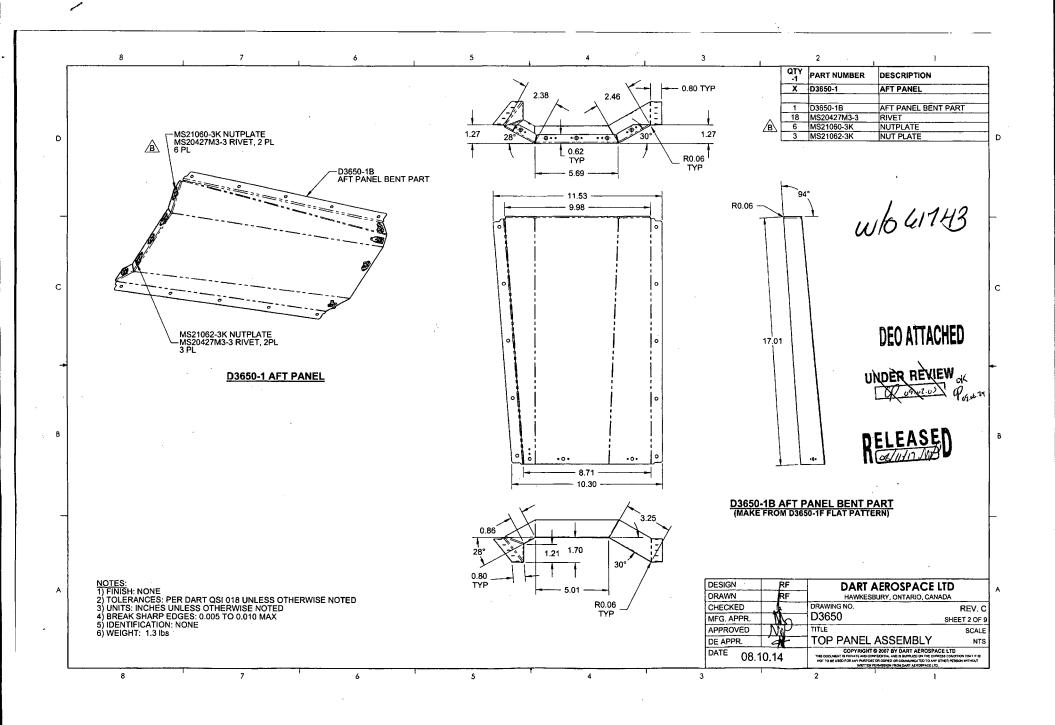
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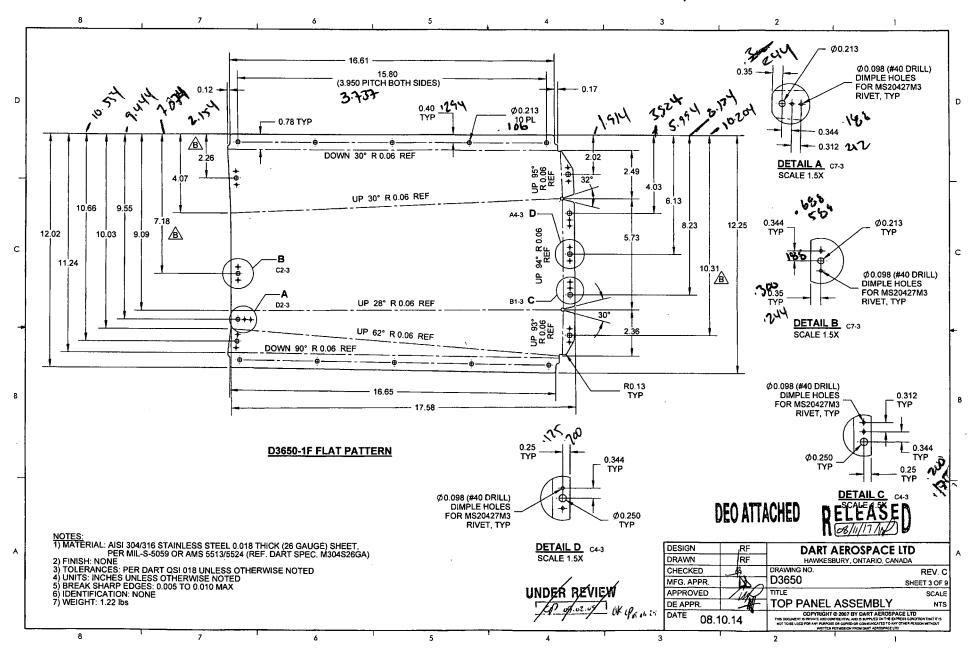
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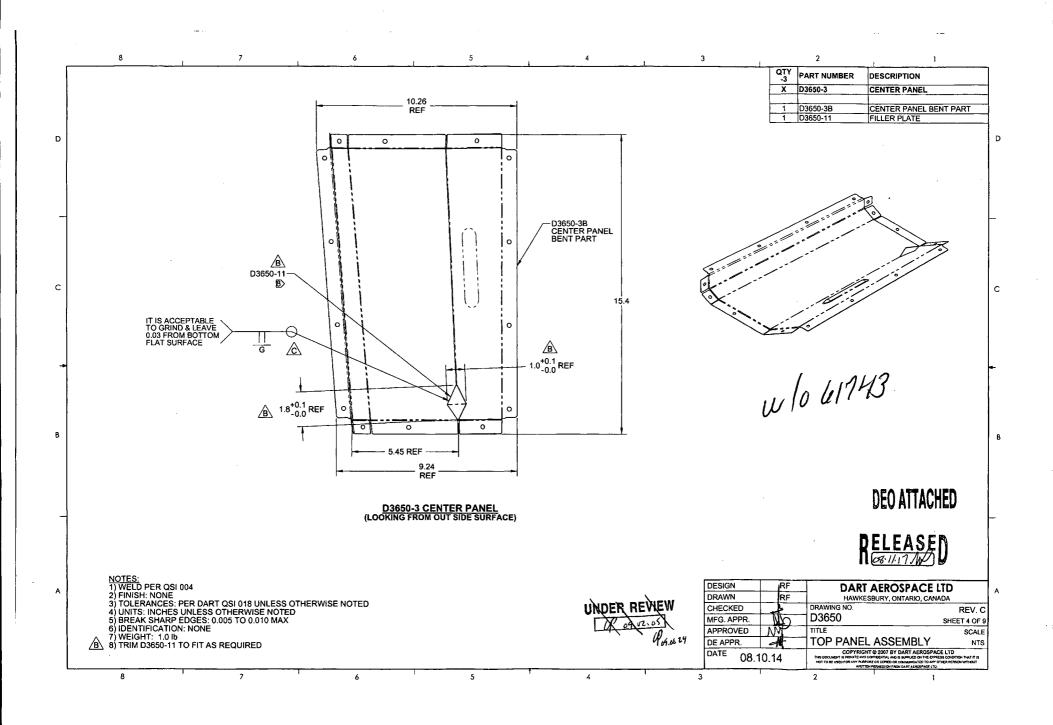


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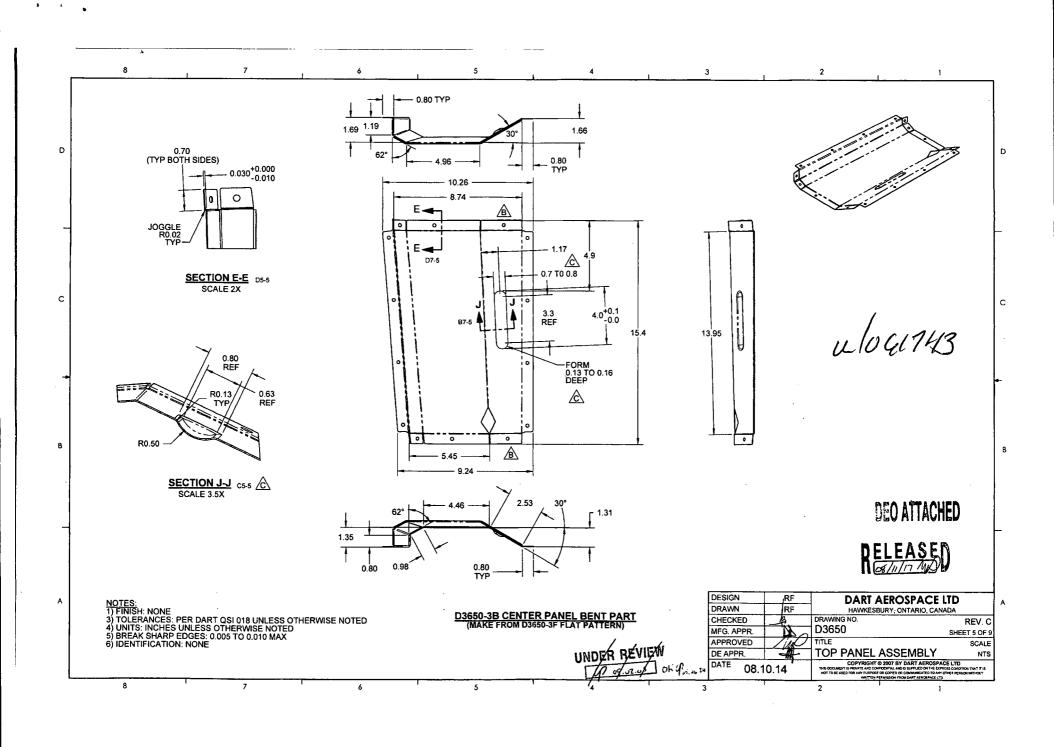
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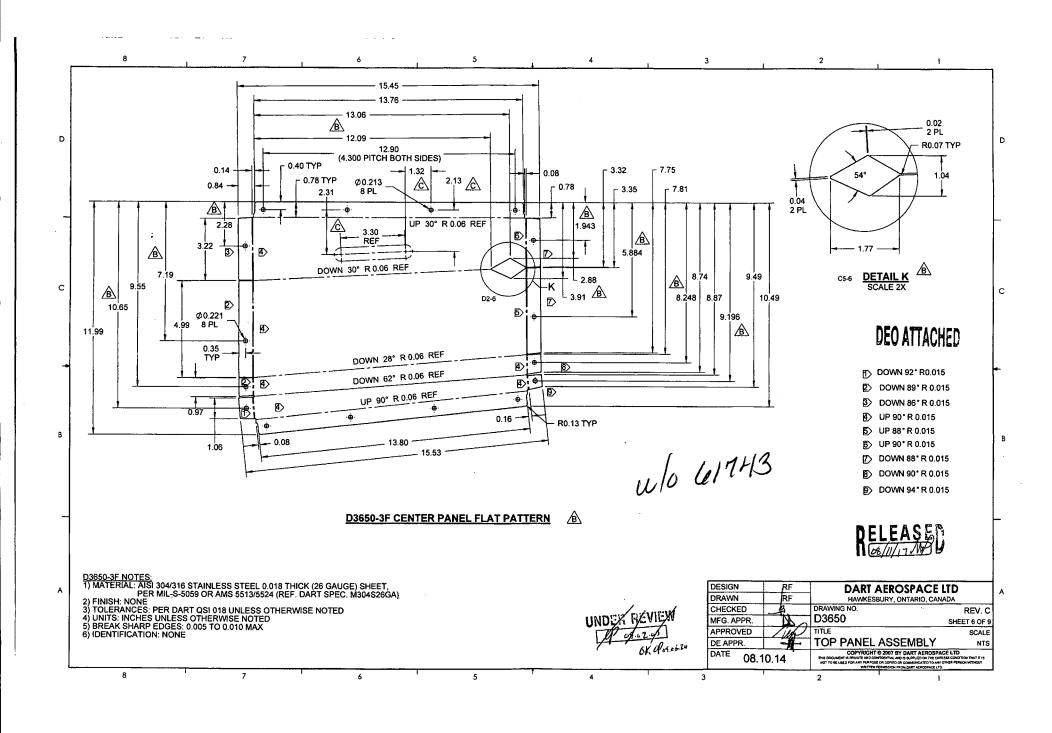
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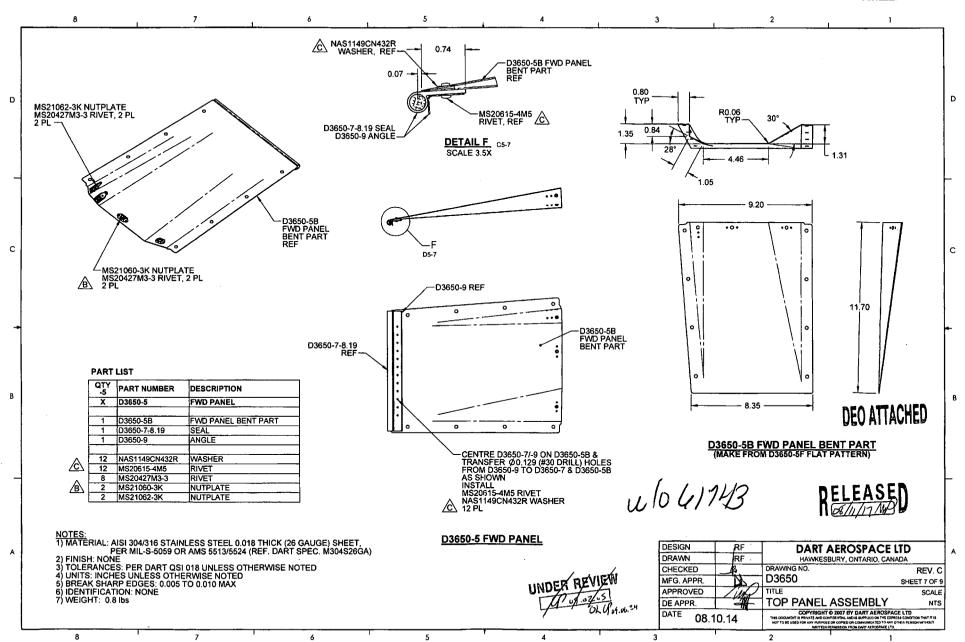
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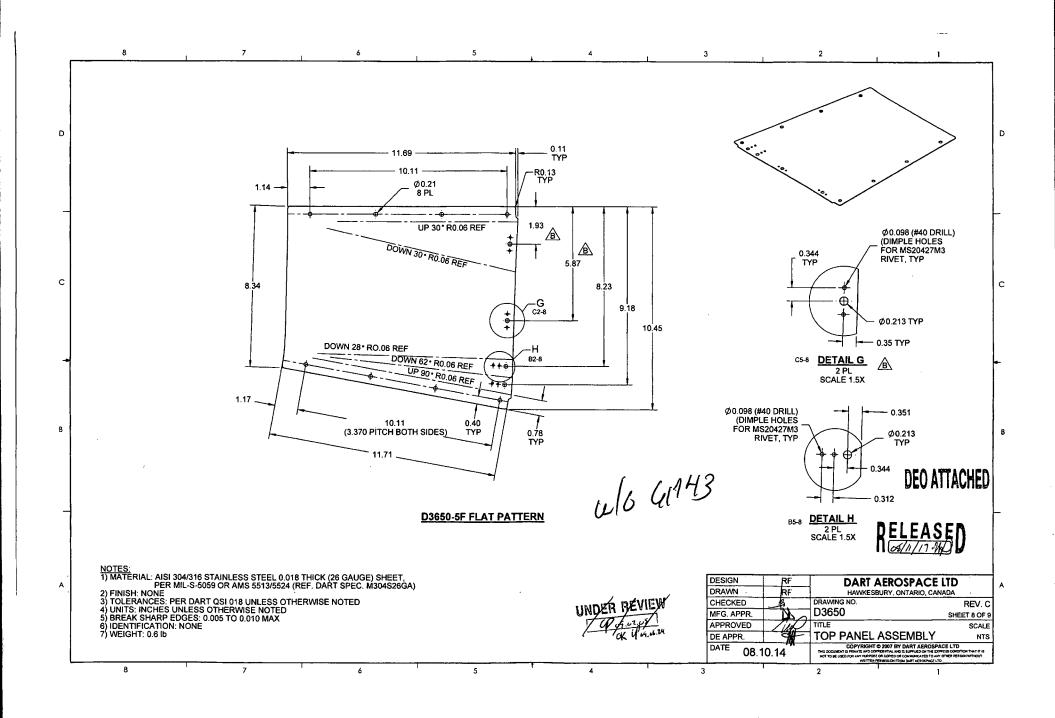
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DATE	STEP	Description of NC		Corrective Action Section		Verification	Approval	Approval
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W/O:		- Transferration (A.S. A.)	W	ORK ORDER CHANG	GES	·····			
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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NCR:			WORK ORD	ER NON-CONFORM	ANCE (NC	R)			
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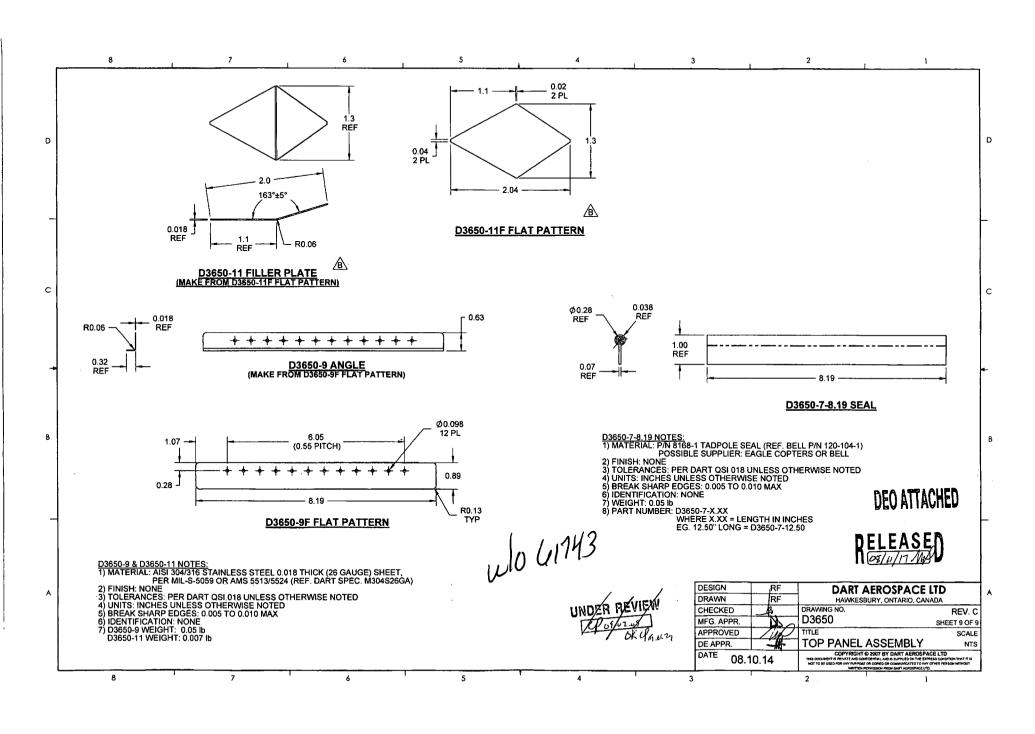


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Dart Aerospace

DATE STEP PROCEDURE CHANGE By Date Qty Chief Eng / Prod Mgr OC Insp. Part No:	
Resolution: Disposition: QA: N/C Closed: Date: NCR: WORK ORDER NON-CONFORMANCE (NCR) Corrective Action Section B Verification Approval Appro	oval pector
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W/O:			W	ORK ORDER CHANGE	S				
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DRAWING	NO.	TITLE		REV. C	DART AE	ROSPACE LTD	D.E.O. NO).	SHEET NO.	SCALE
D3650		TOP PANEL	. ASSEMBLY		ENGINE	ERING ORDER	D3650-0	C-1 A	SHEET 1 OF 1	NTS
DRAWN	CP		CHECKED	<u>J</u>	MFG. APPR.	ÉC	APPROVED	M	DE APPR.	
DATE	09.06	.12	DATE	04.06.15	DATE	09.06.15	DATE	09/06/15	DATE 09 06 15	•

TO AMEND D3650-5 FWD PANEL:

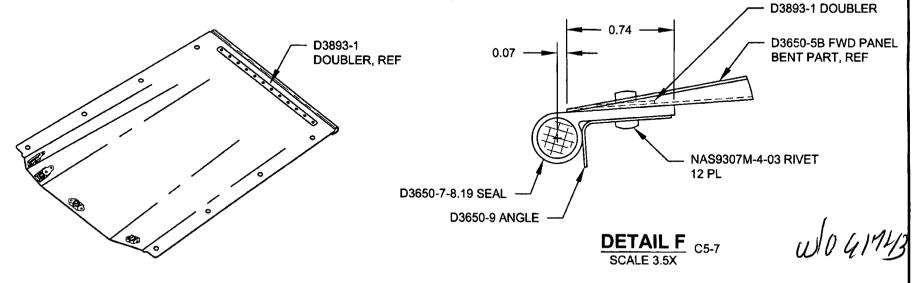
REF PAR 09-008. THE QTY(12) NAS1149CN432R WASHERS ARE REPLACED WITH QTY(1) D3893-1 DOUBLER. THE QTY(12) MS20615-4M5 RIVETS ARE REPLACED WITH QTY(12) NAS9307M-4-03 RIVETS. LOCATION OF THE DOUBLER IS SHOWN IN THE AMENDED DETAIL F (DWG SHEET 7) BELOW. THE PARTS LIST FOR D3650-5 IS AMENDED AS FOLLOWS:

IS:

QTY -5	PART NUMBER	DESCRIPTION
1	D3893-1	DOUBLER
12	NAS9307M-4-03	RIVET (OR CR3523-4-03)

WAS:

QTY	PART NUMBER	DESCRIPTION
5		
12	NAS1149CN432R	WASHER
12	MS20615-4M5	RIVET



D3650-5 FWD PANEL

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W/O:			WORK ORDER	CHANGES				
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